

Subject: Minutes: DSS-13 Weekly Meeting 10-12-09

From: "Veruttipong, Watt (3330)" <watt.veruttipong@jpl.nasa.gov>

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To: "Veruttipong, Watt (3330)" <watt.veruttipong@jpl.nasa.gov>, "Teitelbaum, Lawrence (9130)" <lawrence.teitelbaum@jpl.nasa.gov>, "sgiroux@gdscc.nasa.gov" <sgiroux@gdscc.nasa.gov>, "Kuiper, Thomas (3266)" <kuiper@jpl.nasa.gov>, "Naudet, Charles J (335D)" <charles.j.naudet@jpl.nasa.gov>, "Rees, Robert W (9200-Affiliate)" <Robert.W.Rees@jpl.nasa.gov>, "Dendrenos, Paul J (9200-Affiliate)" <Paul.J.Dendrenos@jpl.nasa.gov>, "Massey, Kim H (9200-Affiliate)" <Kim.H.Massey@jpl.nasa.gov>, "Haroldsson, Robert S (9200-Affiliate)" <rharoldsson@gdscc.nasa.gov>, "Gatti, Mark S (3330)" <mark.s.gatti@jpl.nasa.gov>, "Jongeling, Andre P (3330)" <andre.p.jongeling@jpl.nasa.gov>, "Skjerve, Lyle J (335D)" <lyle.j.skjerve@jpl.nasa.gov>, "Freiley, Arthur J (333F)" <arthur.j.freiley@jpl.nasa.gov>

Minutes: DSS-13 Weekly Meeting on 10-12-09

DSS-13 Science/Engineering Activities:

Uplink Array Moon Bounce: On DOY 281, 0125-0705 UT, we had an uplink array moon bounce experiment at X-band positions 6. It was a successful experiment.

Uplink Array Asteroid Imaging: On DOYs 282 and 283, we had an uplink array asteroid imaging experiment with DSS-25. We successfully supported data collection. V. Vilnrotter will send out the report after completing the data processing.

GAVRT LCROSS Track: There were remote unattended operation activities of GAVRT LCROSS track on DOYs 278,279 and the Moon impact date on DOY 282. We have not received report of any problem related to this activity.

XKR Maser Installation at Position 4: The system is cooling down. The test is planned to be on Thursday and Friday this week.

Pointing Models: We are working with D. Rochblatt on the installation and test plan for the new DSS-13 pointing model.

DSS-13 Power and UPS protection: There is no response from GDSCC electricians about the day that they will come to DSS-13 control room and do the electrical work for the new UPS. Gary will follow up on this task.

DSS-13/IF to ACME: It is confirmed that an IF signal level of -37 dBm at the ACME rack at SPC-10 coming from DSS-13 is sufficient. So the fiber optic link between DSS-13 control room and ACME at SPC-10 is ready. However we have to change the current plan due to an unexpected higher budget needed to fully implement the task within the current time frame. There will be a meeting on 10-21-09 to discuss on this issue.

Watt

Watt Veruttipong, Ph.D.
DSS-13 R & D Manager
Communications Ground Systems Section
Jet Propulsion Laboratory
California Institute of Technology
Tel: (818) 354-2719
Fax: (818) 393-3505